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4/18/06

IN THE SPECIFICATION:

Please amend the specification as follows:

Please amend the paragraph on page 7, lines 8-10, as follows.

~~Figure 17 is~~ Figures 17A through 17D show a flowchart outlining the general steps of still another embodiment of the present invention of a RAKE receiver where at least one arm is scanning phase at a given time.

Please amend the paragraph on page 36, lines 12-25, as follows.

~~Figure 17 shows~~ Figures 17A through 17D show an embodiment of a multiple correlation arm receiver where at least one of the correlation arms is scanning phase at any given time. The sets L_c and Φ_c are defined as previously stated. Let p_i be a parameter related to SNR for correlator arms A_i . For example, p_i may be the correlation values K_i defined in Figure 5. Define the set P such that for all $A_i \in L_c$, the corresponding $p_i \in P$. In step S3000, the phases ϕ_i are initialized, and the sets L_c , Φ_c , and P are all initialized to the empty set. In step S3010, the phase of all the unlocked A_i are advanced. In step S3020, the parameter p_i is computed for each A_i . In step S3030, a determination is made as to whether or not the mode controller has unlocked any of the $A_i \in L_c$. If the answer is yes, A_i is removed from L_c , ϕ_i is removed from Φ_c , and p_i is removed from P in step S3040. In step S3050, the maximum p_i , denoted p_u , is found from the collection of p_i corresponding to $A_i \notin L_c$. In step S3060, a determination is made as to whether p_u is larger than any $p_i \in P$. If not, execution jumps to step S3140 where L_c is checked to have $N-1$ members. If the answer is yes, the flow process jumps to S3120. If the answer is no, the flow process jumps to S3070.